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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Not for submission under 37 CFR 1.99)</i>	Application Number	09867363
	Filing Date	2001-05-29
	First Named Inventor	Krishnan, et al.
	Art Unit	2131
	Examiner Name	Aravind K. Moorthy
	Attorney Docket Number	010094

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code†	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
1	5103459			1992-04-07	Gilhausen, et al.	
2	6124799			2000-09-26	Parker	
3	6138005			2000-10-24	Park	
4	6480725			2002-11-12	Cassidy, et al	
5	6662023			2003-12-09	Helle, Seppo	
6	5987614			1999-11-16	Mitchell, et al.	
7	6115823			2000-09-05	Velasco, et al	
8	6369710			2002-04-09	Potcny et al.	

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9	6486781	2002-10-15	Bromba, et al.	
10	6014748	2000-01-11	Tushie, et al	
11	6125283	2000-09-26	Kolev	
12	5537474	1996-07-16	Brown, et al.	
13	5680626	1997-10-21	Chu, et al.	
14	6094573	2000-07-25	Heinonen, et al.	
15	6282614	2001-08-28	Musoll, Enrique	
16	6386777	2002-04-02	Uusitalo, Markku	
17	6484022	2002-11-19	Findikli, et al.	
18	6680920	2004-01-20	Wan, Yongbing	

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FOREIGN PATENT DOCUMENTS

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	1	0822730	EP		1998-02-04	NEC Corporation		<input type="checkbox"/>
	2	0657873	EP		1994-12-02	Hitachi Denshi Kabushiki		<input type="checkbox"/>

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	1	Yasukawa, H. "Spectrum Broadening of Telephone Band Signals Using Multirate Processing for Speech Quality Enhancement" IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, Institute of Electronics Information and Comm. Eng. Tokyo, JP., Vol. E78-A:8. Pgs. 996-998 (1995)	<input type="checkbox"/>
	2	Sim, et al., "Characteristics of closed loop power control algorithms for cellular DS/CDMA system, 1998, IEEE, pages 355-362	<input type="checkbox"/>
	3	Sim, et al., "Characteristics of closed loop power control algorithms for cellular CDMA system, 1999, IEEE, pages 911-921	<input type="checkbox"/>

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4	Anonymous, Power Solutions for GSM handsets, 2000, Wireless Design & Development, page 18	<input type="checkbox"/>
5	Niiranen, Kassu, Highly integrated, system-level GPRS solution, 2002, Wireless Design & Development, pages 20-22	<input type="checkbox"/>

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See attached certification statement.
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